

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently amended) A vaccine for ~~treating and/or preventing~~ prophylactic treatment against feline infectious peritonitis virus (FIPV) infection, wherein said vaccine comprises a protein comprising an amino acid sequence encoded by a polynucleotide of any one of a) to e) as the active ingredient ~~polypeptide selected from the group consisting of:~~

- a) a polynucleotide ~~comprising a coding region of the nucleotide sequence of SEQ ID NO: 1~~ polypeptide comprising the amino acid sequence of SEQ ID NO: 2;
- b) a polynucleotide ~~comprising a nucleotide sequence that encodes~~ polypeptide comprising the amino acid sequence of SEQ ID NO: 2, in which one to 25 amino acids are substituted, deleted, added, and/ or inserted;
- e) ~~a polynucleotide comprising a nucleotide sequence with 93% or more homology to a nucleotide sequence of a coding region of the nucleotide sequence of SEQ ID NO: 1;~~
- e) c) a polynucleotide polypeptide comprising a ~~nucleotide~~ the amino acid sequence with 93% or more homology to ~~the nucleotide sequence encoding~~ the amino acid sequence of SEQ ID NO: 2; and
- e) d) a polynucleotide encoding a polypeptide comprising 45 or more continuous amino acid sequence comprising 45 or more amino acid residues, ~~selected from an amino acid sequence encoded by the polynucleotide of any one of a) to d) of the~~ amino acid sequence of SEQ ID NO: 2.

2. (Currently amended) A vaccine for ~~treating and/or preventing~~ prophylactic treatment against feline infectious peritonitis virus (FIPV) infection, wherein said vaccine comprises a protein comprising an amino acid sequence encoded by a polynucleotide of any one of a) to e) as the active ingredient ~~polynucleotide selected from the group consisting of:~~

- a) a polynucleotide comprising ~~a coding region of~~ the nucleotide sequence of SEQ ID NO: 1;
- b) a polynucleotide comprising a nucleotide sequence that encodes a polypeptide comprising the amino acid sequence of SEQ ID NO: 2;
- c) a polynucleotide comprising a nucleotide sequence ~~with 93% or more homology to a nucleotide sequence of a coding region of the nucleotide sequence of SEQ ID NO: 1 that encodes a polypeptide comprising the amino acid sequence of SEQ ID NO: 2, in which one to 25 amino acids are substituted, deleted, added, and/ or inserted;~~
- d) a polynucleotide comprising a nucleotide sequence that encodes a polypeptide comprising the amino acid sequence with 93% or more homology to the ~~nucleotide sequence encoding the~~ amino acid sequence of SEQ ID NO: 2; and
- e) a polynucleotide encoding a polypeptide comprising 45 or more continuous amino acid sequence comprising 45 or more amino acid residues of the amino acid sequence of SEQ ID NO: 2, selected from an amino acid sequence encoded by the polynucleotide of any one of a) to d).

3. (Currently amended) The vaccine of claim 1, wherein the vaccine comprises a polypeptide comprising the amino acid sequence of SEQ ID NO: 2 ~~polynucleotide is the polynucleotide of a) or b).~~

4. (Canceled).

5. (Currently amended) A method for ~~treating and/or preventing~~ conferring cellular immunity against feline infectious peritonitis virus (FIPV), wherein said method comprises ~~the process of administering the vaccine of claim 1 to a cat at least once.~~

6-8. (Canceled).

9. (Currently amended) The vaccine of claim 2, wherein the polynucleotide is the polynucleotide of a) or b) vaccine comprises a polynucleotide comprising a nucleotide sequence that encodes a polypeptide comprising the amino acid sequence of SEQ ID NO:2.

10. (Currently amended) A method for treating and/or preventing conferring cellular immunity against feline infectious peritonitis virus (FIPV), wherein said method comprises ~~the process of administering~~ the vaccine of claim 2 to a cat at least once.

11. (Currently amended) A method for treating and/or preventing conferring cellular immunity against feline infectious peritonitis virus (FIPV), wherein said method comprises ~~the process of administering~~ the vaccine of claim 3 to a cat at least once.

12. (Currently amended) A method for treating and/or preventing conferring cellular immunity against feline infectious peritonitis virus (FIPV), wherein said method comprises ~~the process of administering~~ the vaccine of claim 9 to a cat at least once.